

CLAIMS

1. A recording apparatus characterized by comprising:
reception means for receiving contents-related information relating to contents contained in broadcast information being received;

temporary memory means for temporarily storing the contents-related information;

related information recording means for recording the contents-related information stored in the temporary memory means in keeping means in response to a recording request input externally; and

broadcast information recording means for recording the broadcast information being received in the keeping means, relating it to the related information to be recorded in the keeping means, in response to the externally input recording request.

2. The apparatus according to claim 1, characterized in that

the broadcast information recording means is adapted to record the broadcast information being received in the keeping means at specific time intervals in a ring shape and records the broadcast information broadcast before and after the externally input recording request in response to the recording request.

3. The apparatus according to claim 2, characterized in that

the specific time intervals can be arbitrarily defined.

4. The apparatus according to claim 1, characterized in that

sound information is synthesized with the broadcast

information being received at the time point of the externally input recording request and the broadcast information being received, with which the sound information is synthesized, is correlated with the related information to be recorded in the keeping means and recorded in the keeping means by the broadcast information recording means.

5. A recording method characterized by comprising:

a reception step of receiving contents-related information relating to contents contained in broadcast information being received;

a temporarily storing step of temporarily storing the contents-related information;

a related information recording step of recording the contents-related information stored in the temporarily storing step in keeping means in response to a recording request input externally; and

a broadcast information recording step of recording the broadcast information being received in the keeping means, relating it to the related information to be recorded in the keeping means, in response to the externally input recording request.

6. The method according to claim 5, characterized in that

the broadcast information recording step is adapted to record the broadcast information being received in the keeping means at specific time intervals in a ring shape and records the broadcast information broadcast before and after the externally input recording request in response to the recording request, relating it to the related information to be recorded in the keeping means.

7. The method according to claim 6, characterized in that the specific time intervals can be arbitrarily defined.

8. The method according to claim 5, characterized in that in the broadcast information recording step, sound information is synthesized with the broadcast information being received at the time point of the externally input recording request and the broadcast information being received, with which the sound information is synthesized, is correlated with the related information to be recorded in the keeping means and recorded in the keeping means.

9. The method according to claim 5, characterized in that a terminal apparatus that can communicate with an authentication server having an authentication function and a related information providing server providing the contents-related information and is receiving the contents

transmits request information requesting contents-related information relating to the contents being received to the related information providing server along with the service session ID that is a session ID between the terminal apparatus and the related information providing server;

receives, from the related information providing server, information indicating an authentication error and service identifying information for identifying the related information providing server;

transmits authentication ticket issuance request information requesting issuance of an authentication ticket for accessing the related information providing server to the authentication server along with the authentication session ID that is a session ID between the terminal apparatus and the authentication server;

receives the authentication ticket issued from the authentication server if authenticated by the authentication server

and transmits authentication request information to the related information providing server along with the authentication ticket;

receives the service session ID that is a session ID between the terminal apparatus and the related information providing server if authenticated by the related information providing server;

transmits the request information requesting the related information to the related information providing server along with the received service session ID; and

receives related information that corresponds to the request information if authenticated by the related information providing server;

in the reception step.

10. The method according to claim 9, characterized in that the terminal apparatus:

receives information indicating the authentication error if the authentication by the authentication server is an error and transmits a user ID and password to the authentication server;

receives the authentication session ID that is a session ID between the terminal apparatus and the authentication server if the user ID and the password are authenticated by the authentication server; and

transmits the authentication ticket request information to the authentication server along with the authentication session ID;

in the reception step.

11. A program for causing a computer to execute a process of:

receiving contents-related information relating to contents contained in broadcast information being received;

temporarily storing the contents-related information;
recording the temporarily stored contents-related
information in keeping means in response to a recording request
input externally; and

recording the broadcast information being received in the
keeping means, relating it to the related information to be recorded
in the keeping means, in response to the externally input recording
request.